



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8905

SERIAL NUMBER 10/602,356	FILING DATE 06/23/2003 RULE	CLASS 343	GROUP ART UNIT 2821	ATTORNEY DOCKET NO. 990589
-----------------------------	-----------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Leonard Norman Schiff, San Diego, CA;

** CONTINUING DATA ***** *OK He 3/1/05*

This appln claims benefit of 60/391,984 06/25/2002

** FOREIGN APPLICATIONS ***** *None He 3/1/05*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 09/02/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after	CA	11	31	4
Verified and Acknowledged	<i>u</i> <i>He</i> Examiner's Signature Allowance	Initials			

ADDRESS

23696
 Qualcomm Incorporated
 Patents Department
 5775 Morehouse Drive
 San Diego , CA
 92121-1714

TITLE

Reducing service outages in a multibeam satellite system

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue)
RECEIVED 1162		